

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for creating video programs using video shooting and forming computer images, comprising the steps of:

generating an image by a computer, said image including an image of objects in a foreground and a background image;

displaying to a participant of the video program, at least said image of objects in the foreground;

shooting the participant of the video program by means of a video camera;

wherein said shooting is carried out during said step of displaying at least said image of objects in the foreground of the image to produce an obtained video image;

wherein said shooting is carried out with an aspect angle for providing a possibility of reproducing in the obtained video image a response of the participant of the video program to the displayed objects of the computer program; and

combining said image formed by the computer with the obtained video image of the participant of the video program by superimposing at least said image of objects in the foreground on the obtained video image of the participant to produce an output video signal of a combined image.

2. (Previously Presented) The method according to claim 1, wherein

said step of shooting comprises shooting the participant of the video program on a chromakey background;

said step of combining comprises replacing the chromakey background with said background image; and

said step of combining comprises replacing the chromakey background with any other image.

3. (Previously Presented) The method according to claim 1, further comprising:
providing a possibility to the participant of the video program to interact with the displayed objects generated by the computer and to change the image of said objects.

4. (Previously Presented) The method according to claim 1, further comprising:
transmitting from a studio at least said video image of the participant of the video program, and data necessary for generating said image by said computer via a telecommunication network to a user device;

generating an image in the user device based on said data transmitted from the studio;
wherein said image generated in said user device including an image of the objects of a foreground and a background image;

combining the video image of the participant of the video program and the image formed by the user device by superimposing the image of the objects of the foreground onto the video image of the participant; and

displaying the combined image to a user.

5. (Previously Presented) The method according to claim 4, further comprising:
inputting control commands to the user device;
generating an image in the user device using said control commands;
transmitting said control commands through the telecommunication network to the studio; and

generating an image with said computer using said control commands.

6. (Previously Presented) The method according to claim 5, further comprising:
shooting the user by said video camera to obtain a video image of the user;
transmitting said video image of said user through said telecommunication network to
the studio;

receiving said video image of said user at said studio;

combining the video image of the user received in the studio with objects of the
foreground of the image formed by the computer in the studio by superimposing an image of
said objects of the foreground on the video image of the user to obtain a combined image; and
displaying the combined image to the participant of the video program.

7. (Previously Presented) The method according to claim 6, further comprising:
displaying the combined video image of the user and the objects of the foreground of the
image formed by the computer to other users.

8. (Previously Presented) A system for creating video programs, primarily television
programs, the system comprising:

a video camera for shooting a participant of said video program;

a means for generating an image including objects of a foreground and a background
image;

wherein said video camera and said means for generating said image being disposed in a
studio;

a means for displaying said objects of the foreground to the participant, said means for displaying being connected to said means for generating said image;

a means for combining images;

wherein said means for combining images includes a first input, wherein said first input is connected to an output of said video camera, a second input connected to an output of the means for generating said image; and

wherein said means for combining images superimposes said image of the objects of the foreground on a video image of the participant.

9. (Previously Presented) The system according to claim 8, wherein said means for displaying provides an image displayed to the participant; and

means for intersecting a line of shooting the participant with the video camera.

10. (Previously Presented) The system according to claim 9, wherein said means for displaying comprises:

a screen coupled to said means for generating said images and mounted outside a field of view of the video camera;

a semitransparent mirror, optically conjugated with said screen and mounted on the line of shooting the participant with the video camera at an angle to said line of shooting to generate a reflected image; and

wherein said reflected image being displayed to the participant in a plane substantially perpendicular to the line of shooting.

11. (Previously Presented) The system according to claim 8, further comprising:

a means for interactive interaction of the participant with said image of the objects of the displayed objects; and

wherein said means for interactive interaction being coupled to said means for generating said images.

12. (Previously Presented) The system according to claim 11, wherein said means for interactive interaction further comprises a means for determining a position and orientation of the participant.

13. (Currently Amended) The system according to claim 10, further comprises:

a channel of a telecommunication network;

a connection unit coupled by two-way communication to the channel of the telecommunication network, to said means for generating said images and to said means for combining said images;

at least one user device comprising:

a user means for generating said image of objects in the foreground and the background image;

a user connection unit coupled by two-way communication to the channel of the telecommunication network and to said user means for generating said images;

a user means for combining images of the foreground with said image of the participant of the video program sent over the channel of the telecommunication network by superimposing said image of the objects in the foreground on said image of the participant of the video program to obtain a combined image;

a user means for displaying said combined image;

wherein a first input of said user means for combining said images is connected to an output of said user connection unit;

a second input of said user means is connected to an output of said user means for generating said images; and ~~and~~

an output of said user means is connected to an input of said user means for displaying said combined image.

14. (Previously Presented) The system according to claim 13, further comprising:

a user control unit;

wherein an output of said user control unit is connected to a corresponding input of the user connection unit and a user control command processing unit disposed in the studio; and

wherein said user control unit is connected by two-way communication to the user connection unit and said means for generating said images.

15. (Currently Amended) A method for creating video programs in a video conference mode, said method comprising the steps of:

generating an image by a plurality of computers, wherein said image is associated with each of at least two spatially separated participants of said video program, said image including an image of objects of a foreground and a background image, wherein said plurality of computers are linked through a telecommunication network;

displaying at least said image of the foreground objects to each of said at least two participants of said video program;

providing a possibility of interacting with the displayed image of the foreground objects to change the displayed image of the foreground objects to each of said at least two participants of said video program;

shooting each of said at least two participants of the video program during each of said at least two participants interaction with at least said objects of the foreground to obtain a video image of each of said at least two participants;

transmitting said video image of each of said at least two participants through the telecommunication network;

obtaining a received video image of each of said at least two participants;

displaying said received video image corresponding to a first participant of said at least two participants to a second participant of said at least two participants;

displaying said received video image corresponding to said second participant of said at least two participants to said first participant of said at least two participants;

combining at said plurality of computers, the image of the foreground objects which are displayed to said first participant of said at least two participants with the received video image of said second participant of the at least two participants by superimposing said image of the foreground objects on said received video image of said second participant of the at least two participants to obtain a combined video image; and ~~video~~

displaying said combined video image to each of said at least two participants of the video program.

16. (Previously Presented) The method according to claim 15, further comprising:

eliminating said background image with said background image formed by said plurality of computers or with any other image.

17. (Currently Amended) A method for creating video programs for registering reactions of a user to an image displayed to the user for studying and optimizing interfaces of computer programs and editing video films, said method comprising the steps of:

generating an image having transparent zones, wherein said generated image is formed by a computer;

displaying said generated image to the user;

shooting the user, wherein said shooting is performed in the course of displaying said generated image to the user with an aspect angle of said shooting, wherein said shooting provides a possibility to reproduce in an obtained video image said reaction of the user to said displayed image;

combining said generated image with said obtained video image of the user by superimposing said generated image having said transparent zones with said obtained video image of the user; and

providing to said user a possibility to interact with said displayed generated image; and

generating an output video signal from said obtained video image of the user and said generated image for subsequent analysis.

18. (Previously Presented) The method according to claim 17;

wherein said generated image comprises an image of objects and a background image;
and

wherein said background image is formed transparent when combined with said obtained video image of said user.

19. (Canceled)

20. (Currently Amended) The method according to claim ~~19~~ 18, further comprising:
registering data of a psychophysiological condition of said user during said possibility of
interaction with the displayed generated image.

21. (Previously Presented) The method according to claim 20, further comprising:
combining indications of the registered data with images of the video program.